

WHAT IS CLAIMED IS:

1. A rotation transmitting device for transmitting the torque from either one of a belt and a shaft to the other through a pulley, comprising: a pulley connected to a shaft so as not to rotate relatively; and a supporter for supporting said pulley rotatably through a bearing,

wherein said pulley has a pulley-side fitting portion for fitting either one of the outside and the inside of said bearing,

wherein said supporter has a supporter-side fitting portion for fitting the other of said outside and inside, and

wherein said pulley-side fitting portion extends in the direction of the rotation axis of said pulley from the center side of said pulley farther than the position of the end edge of the outer periphery of said pulley toward said end edge.

2. A rotation transmitting device according to claim 1, wherein the outside of said bearing is fitted on said pulley-side fitting portion and the inside of said bearing is fitted on said supporter-side fitting portion.

3. A rotation transmitting device according to claim 1, wherein the outside of said bearing is fitted into said supporter-side fitting portion and the inside of said bearing is fitted into said pulley-side fitting portion.

4. A rotation transmitting device according to claim 1, 2 or 3, wherein said pulley-side fitting portion is formed within an imaginary range surrounded by a first imaginary plane passing one end edge of the outer periphery of said pulley in the direction of said rotation axis and orthogonal

to said rotation axis and a second imaginary plane passing the other end edge of the outer periphery of said pulley in the direction of said rotation axis and orthogonal to said rotation axis.

5. Textile machinery using the rotation transmitting device described in any one of claims 1 through 4.